

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.**

Application Serial Number: 10/723,522

Source: IFWJ0

Date Processed by STIC: 10/27/04

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IFWO

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/723,522

DATE: 10/27/2004

TIME: 12:44:40

Input Set : A:\GIO-1.01.ST25.txt  
 Output Set: N:\CRF4\10272004\J723522.raw

3 <110> APPLICANT: Gene-IT  
 5 <120> TITLE OF INVENTION: Systems and Methods for Sequence Comparison  
 7 <130> FILE REFERENCE: GIO-00101  
 9 <140> CURRENT APPLICATION NUMBER: US 10/723,522  
 10 <141> CURRENT FILING DATE: 2003-11-26  
 12 <150> PRIOR APPLICATION NUMBER: US 60/429,965  
 13 <151> PRIOR FILING DATE: 2002-11-29  
 15 <160> NUMBER OF SEQ ID NOS: 2  
 17 <170> SOFTWARE: PatentIn version 3.2  
 19 <210> SEQ ID NO: 1  
 20 <211> LENGTH: 203  
 21 <212> TYPE: PRT  
 22 <213> ORGANISM: Bos taurus  
 24 <400> SEQUENCE: 1  
 26 Met Thr Pro Pro Gly Arg Ser Leu Pro Pro Ser Val Gln His Pro Pro  
 27 1 5 10 15  
 30 Leu Leu Leu Leu Gly Leu Leu Leu Pro Met Pro Leu Glu Ala Gln Gly  
 31 20 25 30  
 34 Leu Arg Gly Ile Gly Leu Thr Pro Ser Ala Ala Gln Pro Ala His Gln  
 35 35 40 45  
 38 Gln Leu Pro Thr Pro Phe Thr Arg Gly Thr Leu Lys Pro Ala Ala His  
 39 50 55 60  
 42 Leu Val Gly Asp Pro Ser Asn Pro Arg Thr Leu Thr Leu Arg Ala Asn  
 43 65 70 75 80  
 46 Thr Asp Arg Ala Phe Leu Pro Thr Ala Phe Ser Leu Ser Asn Asn Ser  
 47 85 90 95  
 50 Leu Leu Val Pro Thr Ser Gly Leu Tyr Phe Val Tyr Ser Gln Val Val  
 51 100 105 110  
 54 Phe Ser Gly Arg Gly Cys Phe Pro Arg Ala Thr Pro Thr Pro Leu Tyr  
 55 115 120 125  
 58 Leu Ala His Glu Val Gln Leu Phe Ser Pro Gln Tyr Pro Phe His Val  
 59 130 135 140  
 62 Pro Leu Leu Ser Ala Gln Lys Ser Val Cys Pro Gly Pro Gln Gly Arg  
 63 145 150 155 160  
 66 Trp Val Arg Ser Val Tyr Gln Gly Ala Val Phe Leu Leu Thr Arg Gly  
 67 165 170 175  
 70 Asp Gln Leu Ser Thr His Thr Asp Gly Ile Ser His Leu Leu Leu Ser  
 71 180 185 190  
 74 Pro Ser Ser Val Phe Phe Gly Ala Phe Ala Leu  
 75 195 200  
 78 <210> SEQ ID NO: 2  
 79 <211> LENGTH: 204  
 80 <212> TYPE: PRT

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81 <213> ORGANISM: Bos taurus  
83 <400> SEQUENCE: 2  
85 Met Thr Pro Pro Gly Arg Leu Tyr Leu Leu Arg Val Cys Ser Thr Pro  
86 1 5 10 15  
89 Pro Leu Leu Leu Gly Leu Leu Ala Leu Pro Leu Glu Ala Gln  
90 20 25 30  
93 Gly Leu Arg Gly Ile Gly Leu Thr Pro Ser Ala Ala Gln Pro Ala His  
94 35 40 45  
97 Gln Gln Leu Pro Thr Pro Phe Thr Arg Gly Thr Leu Lys Pro Ala Ala  
98 50 55 60  
101 His Leu Val Gly Asp Pro Ser Thr Gln Asp Ser Leu Arg Trp Arg Ala  
102 65 70 75 80  
105 Asn Thr Asp Arg Ala Phe Leu Arg His Gly Phe Ser Leu Ser Asn Asn  
106 85 90 95  
109 Ser Leu Leu Val Pro Thr Ser Gly Leu Tyr Phe Val Tyr Ser Gln Val  
110 100 105 110  
113 Val Phe Ser Gly Arg Gly Cys Phe Pro Arg Ala Thr Pro Thr Pro Leu  
114 115 120 125  
117 Tyr Leu Ala His Glu Val Gln Leu Phe Ser Pro Gln Tyr Pro Phe His  
118 130 135 140  
121 Val Pro Leu Leu Ser Ala Gln Lys Ser Val Cys Pro Gly Pro Gln Gly  
122 145 150 155 160  
125 Pro Trp Val Arg Ser Val Tyr Gln Gly Ala Val Phe Leu Leu Thr Arg  
126 165 170 175  
129 Gly Asp Gln Leu Ser Thr His Thr Asp Gly Ile Ser His Leu Leu Leu  
130 180 185 190  
133 Ser Pro Ser Ser Val Phe Phe Gly Ala Phe Ala Leu  
134 195 200

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/723,522

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Input Set : A:\GIO-1.01.ST25.txt

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